

**MOBILE RIVER BASIN
2001 WATER YEAR**

02383745 JACKS RIVER NEAR BEE KNOB, GA

PERIODIC WATER-QUALITY RECORDS

LOCATION.—Lat 34°55'03", long 84°32'13", Fannin County, Hydrologic Unit 03150101, Chattahoochee National Forest, Cohutta Wilderness Area, located 200 feet upstream from Bear Branch.

DRAINAGE AREA.—Undetermined.

PERIOD OF RECORD.—2000 to current year.

REMARKS.—Elevation 2,360 feet above sea level, from topographic map.

MOBILE RIVER BAISN 2001 WATER YEAR

02383745 JACKS RIVER NEAR BEE KNOB, GA -continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY	DIS-	SAMP-	BARO-	OXYGEN,	OXYGEN,	PH	SPE-	TEMPER-	TEMPER-	HARD-	HARD-	
		ANA- LYZING SAMPLE (CODE NUMBER) (00028)	CHARGE, INST. CUBIC FEET PER SECOND (00061)		PRES- SURE (MM OF HG) (00025)		DIS- SOLVED (MG/L) (00300)	WATER WHOLE FIELD (STAND- ARD UNITS) (00400)						CIFIC CON- DUCT- ANCE (US/CM) (00095)
JUN 12...	1015	80020	35	10	706	9.0	97	6.6	11	19.5	15.2	0	3	
DATE		CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
JUN 12...	.7	.321	.36	.2	.8	35	3	3	.6	<.2	6.1	.9	1.82	
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS - PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ANTI- MONY, TOTAL AS SB) (01097)
JUN 12...	19	12	E.021	<.10	.09	E.025	<.006	E.006	<.018	.009	1.4	154	<.9	
DATE		BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	BORON, TOTAL RECOV- ERABLE (UG/L AS B) (01022)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LITHIUM TOTAL RECOV- ERABLE (UG/L AS LI) (01132)	MANGA- NESE, TOTAL DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)
JUN 12...	5.2	<.06	<7	<.04	<1.0	<1	E.3	230	<1.0	<.3	17.8	16	<.2	
DATE		NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	THAL- LIUM, TOTAL (UG/L AS TL) (01059)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	URANIUM NATURAL TOTAL (UG/L AS U) (28011)	SAMPLER TYPE (CODE) (84164)					

Remark codes used in this report:
< -- Less than
E -- Estimated value